



**DECLARATION  
Utility Application**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **A METHOD FOR CREATING PATTERNS FOR PRODUCING INTEGRATED CIRCUITS** the specification of which

(Check One) ☐ is attached hereto OR  
☒ was filed on July 14, 2003 as United States Application Serial No. 10/621,114 or PCT International Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I

acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.


U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	FIRST Name Louis	MIDDLE Initial K.	LAST Name Scheffer	
	RESIDENCE & CITIZENSHIP	City Campbell	State or Foreign Country California	Country of Citizenship US	
	POST OFFICE ADDRESS	801 Miller Avenue	City <del>Foster City</del> <i>Campbell</i> <i>LKS</i>	State or Country California	Zip Code 95008
INVENTOR'S SIGNATURE <u><i>Louis K Scheffer</i></u> DATE <u>16 Jan 2004</u>					

202	FULL NAME OF INVENTOR	FIRST Name Kenji	MIDDLE Initial	LAST Name Yoshida	
	RESIDENCE & CITIZENSHIP	City Holzkirchen	State or Foreign Country Japan	Country of Citizenship JP	
	POST OFFICE ADDRESS	3-27-13, Koyodai, Inagi-shi	City Tokyo	State or Country Japan	Zip Code 206-0803
INVENTOR'S SIGNATURE _____ DATE _____					

203	FULL NAME OF INVENTOR	FIRST Name Yoshikuni	MIDDLE Initial	LAST Name Abe	
	RESIDENCE & CITIZENSHIP	City Kanagawa	State or Foreign Country Japan	Country of Citizenship JP	
	POST OFFICE ADDRESS	2-9-10-905 Nakagawa, Tuzuki, ku	City Kanagawa	State or Country Japan	Zip Code 226-0001
INVENTOR'S SIGNATURE _____ DATE _____					

204	FULL NAME OF INVENTOR	FIRST Name Aki	MIDDLE Initial	LAST Name Fujimura	
	RESIDENCE & CITIZENSHIP	City Saratoga	State or Foreign Country California	Country of Citizenship JP	
	POST OFFICE ADDRESS	15220 Sobey Road	City Saratoga	State or Country California	Zip Code 95070
INVENTOR'S SIGNATURE  DATE <u>1-9-04</u>					

205	FULL NAME OF INVENTOR	FIRST Name Robert	MIDDLE Initial C.	LAST Name Pack	
	RESIDENCE & CITIZENSHIP	City Foster City	State or Foreign Country California	Country of Citizenship US	
	POST OFFICE ADDRESS	658 Greenwich Lane	City Foster City	State or Country California	Zip Code 94404
INVENTOR'S SIGNATURE _____ DATE _____					



Patent  
CA7035292001

### DECLARATION Utility Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **A METHOD FOR CREATING PATTERNS FOR PRODUCING INTEGRATED CIRCUITS** the specification of which

(Check One)

☐ is attached hereto OR

☒ was filed on July 14, 2003 as United States Application Serial No. 10/621,114 or PCT International Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I

acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	FIRST Name Louis	MIDDLE Initial K.	LAST Name Scheffer	
	RESIDENCE & CITIZENSHIP	City Campbell	State or Foreign Country California	Country of Citizenship US	
	POST OFFICE ADDRESS	801 Miller Avenue	City Foster City	State or Country California	Zip Code 95008
INVENTOR'S SIGNATURE _____ DATE _____					

202	FULL NAME OF INVENTOR	FIRST Name Kenji	MIDDLE Initial	LAST Name Yoshida	
	RESIDENCE & CITIZENSHIP	City Holzkirchen	State or Foreign Country Japan	Country of Citizenship JP	
	POST OFFICE ADDRESS	3-27-13, Koyodai, Inagi-shi	City Tokyo	State or Country Japan	Zip Code 206-0803
INVENTOR'S SIGNATURE <u>Kenji Yoshida</u> DATE <u>Jan. 8, 2004</u>					

203	FULL NAME OF INVENTOR	FIRST Name Yoshikuni	MIDDLE Initial	LAST Name Abe	
	RESIDENCE & CITIZENSHIP	City Kanagawa	State or Foreign Country Japan	Country of Citizenship JP	
	POST OFFICE ADDRESS	2-9-10-905 Nakagawa, Tuzuki, ku	City Kanagawa	State or Country Japan	Zip Code 226-0001
INVENTOR'S SIGNATURE <u>Yoshikuni Abe</u> DATE <u>Jan. 8, 2004</u>					

204	FULL NAME OF INVENTOR	FIRST Name Aki	MIDDLE Initial	LAST Name Fujimura	
	RESIDENCE & CITIZENSHIP	City Saratoga	State or Foreign Country California	Country of Citizenship JP	
	POST OFFICE ADDRESS	15220 Sobey Road	City Saratoga	State or Country California	Zip Code 95070
INVENTOR'S SIGNATURE _____ DATE _____					

205	FULL NAME OF INVENTOR	FIRST Name Robert	MIDDLE Initial C.	LAST Name Pack	
	RESIDENCE & CITIZENSHIP	City Foster City	State or Foreign Country California	Country of Citizenship US	
	POST OFFICE ADDRESS	658 Greenwich Lane	City Foster City	State or Country California	Zip Code 94404
INVENTOR'S SIGNATURE <u>Robert C. Pack</u> DATE <u>16 JAN 2004</u>					

**POWER OF ATTORNEY  
By Assignee**

Cadence Design Systems, Inc., assignee(s) of the application for United States Letters Patent for an improvement in

**METHOD FOR CREATING PATTERNS FOR PRODUCING INTEGRATED CIRCUITS**

**by: Louis K. Scheffer, Kenji Yoshida, Yoshikuni Abe,  
Aki Fujimura and Robert C. Pack**

the specification of which:

- ☐ is filed herewith, OR  
☒ was filed on July 14, 2003, having U.S. Patent Application Serial No. 10/621,114.

does hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by:


**Customer Number 23639**

Please direct all inquiries to **Peter C. Mei**, at the above Customer Number.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

- ☒ is filed for recordation herewith; or  
☐ was recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or  
☐ has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: Cadence Design Systems, Inc.	
Post Office Address: 2655 Seely Avenue, San Jose, California 95134	
Signature of Declarant or Assignee: 	Date: 1-19-04
Full Name of Declarant If Other Than Assignee: Michael J. Williams	
Title of Declarant: Vice President and Associate General Counsel	
Address of Declarant: 2655 Seely Avenue, San Jose, CA 95134	